



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C10-27-10
Job Sheet 176262



Part No: C10-27-10

Job Qty: ~~2 ea~~ 6

Part Name: Side Loop Wrap Around



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/19/18

Job Tracking No:

Due Date: 4/27/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: URF17-714 DWG C10-27-10 Rev. 5 IPP Rev. A 18.04.19 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	2 Ea		4/27/18	0.00	0.00	Start Up Small Fab-4		<i>EL</i>
110	Large Fab	2 pcs		4/27/18	0.00	0.40	Large Fab 8		<i>EL</i>
125	QC	2 pcs		4/27/18	0.00	0.00	QC5		<i>EB</i>
130	Mill Conv	2 pcs		4/27/18	0.00	0.00	Mill Conv 1 <i>Not required</i>		
140	QC	2 pcs		4/27/18	0.00	0.00	QC2 Machining-1 <i>Done @</i>		
170	QC	2 pcs		4/27/18	0.00	0.00	QC8 Machining-1 <i>Assembly</i>		
220	Packaging	2 pcs		4/27/18	0.00	0.00	Packaging3-1		
230	QC21-SA	2 Ea		4/27/18	0.00	0.00	QC21		<i>md 18/04/18</i>

Part Op 110 - Cut tubing AT 60" Bend as per dwg.
Descriptions: 130 - Mill radii as per dwg.

DAS
21
9-88

APR 27 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-A513-T-1.000W0.120	A513 Seamless Alloy Steel Round Tubing 1"dia. x 0.120" Wall	10 ft (5 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-A513-T-1.000W0.120	10	128	0

Part Specifications

Specifications could not be found.

Plex 4/19/18 9:54 AM Dart.lajeunesse.marie

26.4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

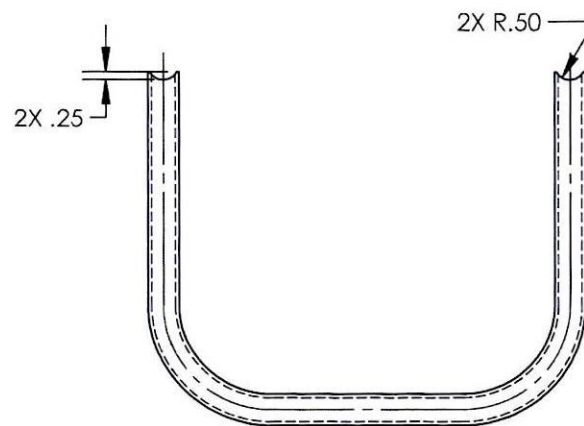
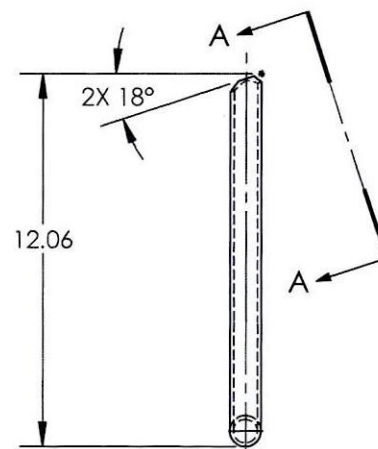
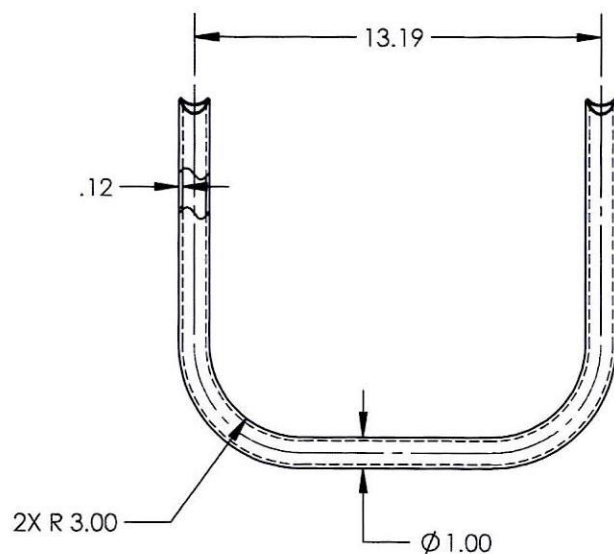
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
☐ OTHER : _____					

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
3		AS DRAWN BY APICAL	1/8/2013	JAG
4		ADDED COPING 2X R .50 X .25 DEEP. CH'D BEND RADIUS WAS 4 IS 2.5.	2/27/2013	BIM
5	16-0167	CH'D DIM WAS 2X R2.50 IS 2X R3.00, WAS (.120) IS .12. WAS (Ø1.00) IS Ø1.00, CH'D DWG TO SHEET METAL TOLERANCE.	10/12/2016	RJC



AUXILLARY A-A
VIEW ROTATED 18°

DART AEROSPACE	
TITLE SIDE LOOP WRAP AROUND	
DWG NO. C10-27-10	REV 5
MAT'L CARBON STEEL CDS	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT FINISH	.XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125/✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: APICAL	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:6	DATE 7/3/2002
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			C10-27-10	1	SIDE LOOP WRAP AROUND	CARBON STEEL CDS	

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use ☐ Suspected Unapp ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Cross tube ☐ Small Fab ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Engineering ☐ Quality ☐																																																																																																																																				
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 Revision: 5
 Inspector: _____
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